

1 ABSTRACT

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4 An emergency evacuation device includes a housing
5 enclosing a mounting structure. A spool assembly is mounted on
6 the mounting structure within the housing, the spool assembly
7 includes a rotatably mounted spool designed to receive a length
8 of high tensile strength line. First and second centrifugal
9 brakes are coupled to opposite sides of the spool for rotation
10 with the spool and are constructed to maintain a rotation speed
11 of the spool at a predetermined speed. A pair of spring
12 biased locking pins are positioned adjacent opposite sides of
13 the spool, each having a spool locking position and a spool
14 unlocked position. A pair of handles is positioned to engage
15 the locking pins and move them into the locking position when
16 the handles are moved into a collapsed orientation and to
17 disengage the locking pins when the handles are moved into an
18 extended orientation.